

**Appendix 3.14-A**  
**Results and Findings of Land**  
**Evaluation and Site Assessment**  
**Pursuant to the Farmland Protection**  
**Policy Act**



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### 3.14-A1 Introduction

This memorandum summarizes the results of the farmland land evaluation and site assessment (LESA) for the Fresno to Bakersfield Section of the California High-Speed Train (HST) Project alternatives, which was performed in compliance with Farmland Protection Policy Act (FPPA) requirements. The purpose of FPPA is to minimize the extent to which federal programs contribute to the unnecessary and irreversible conversion of farmland to nonagricultural uses (7 United States Code 4201). Specifically, the FPPA requires that federal agencies:

- Use criteria (described in this memorandum) to identify and take into account the adverse effects of their programs on the preservation of farmland;
- Consider alternative actions, as appropriate, that could lessen adverse effects; and
- Ensure that their programs, to the extent practicable, are compatible with state and units of local government and private programs and policies to protect farmland.

### 3.14-A2 Fresno to Bakersfield Alternatives

The Fresno to Bakersfield alternatives pass through four counties (Fresno, Kings, Tulare, and Kern). There are 27 possible combinations of alternatives that have been analyzed for the project. Not all alternatives occur in every county, with some counties having more possible combinations of alternatives passing through them than other counties. Since calculations and results from the NRCS are conducted by county, the alternative combinations and results below are discussed on a county by county basis. Table 3.14-A-1 shows the 27 possible alternative combinations by county.

**Table 3.14-A-1**  
Alternative Combinations by County

Combination Number	Alternatives Included in Combination
<b>Fresno County</b>	
Fresno #1	BNSF
Fresno #2	BNSF + Hanford West Bypass 1
Fresno #3	BNSF + Hanford West Bypass 2
<b>Kings County</b>	
Kings #1	BNSF
Kings #2	BNSF + Corcoran Elevated
Kings #3	BNSF + Corcoran Bypass
Kings #4	Hanford West Bypass 1
Kings #5	Hanford West Bypass 2 + Corcoran Elevated
Kings #6	Hanford West Bypass 2 + Corcoran Bypass
<b>Tulare County</b>	
Tulare #1	BNSF
Tulare #2	Corcoran Elevated
Tulare #3	Corcoran Bypass
Tulare #4	Allensworth Bypass
Tulare #5	Corcoran Elevated + Allensworth Bypass
Tulare #6	Corcoran Bypass + Allensworth Bypass

**Table 3.14-A-1**  
Alternative Combinations by County

Combination Number	Alternatives Included in Combination
<b>Kern County</b>	
Kern #1	BNSF
Kern #2	Bakersfield South
Kern #3	Bakersfield Hybrid
Kern #4	Wasco-Shafter Bypass
Kern #5	Wasco-Shafter Bypass + Bakersfield South
Kern #6	Wasco-Shafter Bypass + Bakersfield Hybrid
Kern #7	Allensworth Bypass
Kern #8	Allensworth Bypass + Bakersfield South
Kern #9	Allensworth Bypass + Bakersfield Hybrid
Kern #10	Allensworth Bypass + Wasco-Shafter Bypass
Kern #11	Allensworth Bypass + Wasco-Shafter Bypass + Bakersfield South
Kern #12	Allensworth Bypass + Wasco-Shafter Bypass + Bakersfield Hybrid

### 3.14-A3 Land Evaluation and Site Assessment

As required by the FPPA implementing regulations (7 Code of Federal Regulations Part 658), staff from the Natural Resources Conservation Service (NRCS) and HST Project analysts performed land evaluation and site assessment calculations using the CPA-106 form (for corridor-type projects) to determine an overall farmland conversion score. Using alignment information provided by a Geographic Information System, the NRCS calculated the relative value of each of the alternative corridors as farmland; the NRCS land evaluation calculations and the Farmland Mapping and Monitoring Program (FMMP) site assessment criteria are presented in Attachments 1 respectively. The NRCS provided separate scores for each county within which the alternatives were located (for example, the BNSF Alternative was assigned separate scores for Fresno, Kings, Tulare, and Kern counties). They also provided land evaluation ratings for the heavy maintenance facilities (HMFs). When land evaluation scores were received from NRCS, project staff calculated site assessment scores for each of the alternative corridors and HMF sites. The total LESA rating for each alternative was determined by adding the land evaluation score (up to 100 points) and site assessment scores (up to 160 points) for each county, and weighting scores based on the percentage of the alignment lying within each county (total possible score of 260). Results were compared to significance thresholds established in the FPPA implementing regulations. Once total LESA scores were determined, farmland effects were evaluated and relative suitability of sites for farmland protection was assessed. The U.S. Department of Agriculture (USDA) recommends the following:

1. Sites with the highest combined scores be regarded as most suitable for protection and the sites with the lowest scores as least suitable for protection.
2. Sites receiving a total score of less than 160 need not be given further consideration for protection and no additional sites need to be evaluated.

3. Sites receiving scores totaling 160 or more be given increasingly higher levels of consideration for protection.
4. When making decisions on proposed actions for sites receiving scores totaling 160 or more, the following should be considered:
  - a. Use of land that is not farmland or use of existing structures;
  - b. Alternative sites, locations, and designs that would serve the proposed purpose, but would convert either fewer acres of farmland or other farmland that has a lower relative value; and
  - c. Special siting requirements of the proposed project and the extent to which an alternative site fails to satisfy the special siting requirements as well as the originally selected site.

### 3.14-A4 Farmland Conversion Impacts Results

Land evaluation and site assessment scores, and total LESA scores, for each of the 27 alternative combinations and HMFs are provided in Table 3.14-A-2.

A majority of the alternative combinations had total LESA scores equal to or greater than 160, with the exception of four in Tulare County. All alternative combinations in Fresno, Kings, and Kern counties had scores above 160. The five HMFs received scores that ranged from 160 for the Fresno Works HMF site to 179 for the Shafter East HMF site.

**Table 3.14-A-2**  
LESA Scores by Alternative

Alternative Combination Number	Alternatives Included in Combination		
	Land Evaluation Score	Site Assessment Score	Total LESA Score
<b>Fresno County</b>			
Fresno #1	73	105	178
Fresno #2	73	98	171
Fresno #3	73	98	171
<b>Kings County</b>			
Kings #1	57	115	172
Kings #2	57	117	174
Kings #3	57	119	176
Kings #4	66	111	177
Kings #5	66	117	183
Kings #6	55	120	175
<b>Tulare County</b>			
Tulare #1	39	117	156
Tulare #2	39	118	157
Tulare #3	39	115	154
Tulare #4	39	121	160
Tulare #5	39	121	160
Tulare #6	39	120	159

**Table 3.14-A-2**  
LESA Scores by Alternative

Alternative Combination Number	Alternatives Included in Combination		
	Land Evaluation Score	Site Assessment Score	Total LESA Score
<b>Kern County</b>			
Kern #1	64	114	178
Kern #2	64	115	179
Kern #3	64	116	180
Kern #4	64	118	182
Kern #5	64	120	184
Kern #6	64	119	183
Kern #7	58	110	168
Kern #8	58	112	170
Kern #9	58	110	168
Kern #10	58	114	172
Kern #11	58	115	173
Kern #12	58	114	172
<b>Heavy Maintenance Facilities</b>			
Fresno	85	75	160
Hanford	72	99	171
Wasco	85	84	169
Shafter East	95	84	179
Shafter West	85	83	168

### 3.14-A4.1 Findings

The FPPA does not mandate that a specific decision be made by a federal agency based on LESA ratings, but provides suitability guidance for protection of farmland from conversion to nonagricultural uses. Based on FPPA guidance, a combination of the BNSF Alternative with the Hanford West Bypass 2, Corcoran Bypass, and Allensworth Bypass alternatives would have the lowest impacts.

1. The Central Valley is primarily devoted to agricultural land uses and is dominated by soils that are well suited for crop production. Therefore, impacts on agriculture lands in the Fresno to Bakersfield Section of the HST Project cannot be completely avoided, although impacts have been avoided and minimized to the extent feasible. Mitigation measures have been proposed in the Fresno to Bakersfield Section Environmental Impact Report/Environmental Impact Statement (EIR/EIS) to reduce unavoidable impacts.
2. Programmatic environmental reviews have been performed previously, in coordination with the U.S. Environmental Protection Agency, U.S. Army Corps of Engineers, and other federal and state agencies, and concluded that an HST System connecting cities in southern California with the Bay area via the Central Valley would be most likely to meet legislative mandates in the least environmentally damaging manner (California High-Speed Rail Authority [Authority] and Federal Railroad Administration [FRA] 2005, 2008, 2010); and the programmatic documents established that the HST would most effectively be developed in discrete sections. The Fresno to Bakersfield Section EIR/EIS provides a



project-level review of the alternatives that have been proposed to meet the overall HST purpose and need for this segment. The programmatic EIR/EIS recognized that impacts on agricultural resources could be substantial, and some potential alternatives were rejected during the programmatic review because of their effects on agriculture (Authority and FRA 2008). Recognizing the need to protect important agricultural resources to the extent possible, alternatives evaluated in the Fresno to Bakersfield Section would follow existing road and railway alignments to the extent feasible.

3. Siting requirements for the HST System established in the final programmatic EIR/EIS included a segment traveling between Fresno and Bakersfield (Authority and FRA 2010).

Following the completion of the decision-making process, the decision-making agency is requested to return a copy of the farmland conversion calculations to the NRCS for recordkeeping purposes. The FRA, as the decision-making agency for the Fresno to Bakersfield Section of the California HST Project, is expected to complete the FPPA reporting process, following posting of the Record of Decision for the project.

### 3.14-A5 References

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2005. Final

Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the Proposed California High-Speed Train System. Available at:

[http://www.cahighspeedrail.ca.gov/Statewide\\_Program\\_Environmental\\_Reports\\_EIR\\_EIS.aspx](http://www.cahighspeedrail.ca.gov/Statewide_Program_Environmental_Reports_EIR_EIS.aspx). Sacramento, CA, and Washington, DC. August 2005.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008, Revised 2010. Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS). Available at: [http://www.cahighspeedrail.ca.gov/ba\\_cv\\_program\\_eir.aspx](http://www.cahighspeedrail.ca.gov/ba_cv_program_eir.aspx). Sacramento, CA, and Washington, DC. May 2008, Revised 2010.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010a. Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR). Available at: [http://www.cahighspeedrail.ca.gov/ba\\_cv\\_program\\_eir.aspx](http://www.cahighspeedrail.ca.gov/ba_cv_program_eir.aspx). Sacramento, CA, and Washington, DC. August 2010.

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# **Attachment 1**

## **NRCS Land Evaluation Calculations**



**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>		4. Sheet 1 of <b>1/1</b>	
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>			
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Fresno, California</b>			
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/1/12</b>		2. Person Completing Form <b>William Reed</b>	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated <b>1,153,812</b>		Average Farm Size <b>285</b>	
5. Major Crop(s) <b>Grapes, Tomatoes, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>1,250,984</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>597,055</b> %		
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>		

  

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly	<b>913</b>	<b>811</b>	<b>811</b>	
B. Total Acres To Be Converted Indirectly, Or To Receive Services	<b>0</b>	<b>0</b>	<b>0</b>	
C. Total Acres In Corridor	<b>913</b>	<b>811</b>	<b>811</b>	<b>0</b>

  

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	<b>650</b>	<b>594</b>	<b>510</b>	
B. Total Acres Statewide And Local Important Farmland	<b>101</b>	<b>114</b>	<b>114</b>	
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<b>0</b>	<b>0</b>	<b>0</b>	
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

  

<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>				
	<b>73</b>	<b>73</b>	<b>73</b>	

  

<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>		Maximum Points			
1. Area in Nonurban Use	<b>15</b>	<b>11</b>	<b>11</b>	<b>11</b>	
2. Perimeter in Nonurban Use	<b>10</b>	<b>7</b>	<b>7</b>	<b>7</b>	
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>15</b>	<b>15</b>	<b>15</b>	
4. Protection Provided By State And Local Government	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>12</b>	<b>5</b>	<b>5</b>	
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	
8. On-Farm Investments	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>	<b>3</b>	<b>3</b>	
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>	<b>2</b>	<b>2</b>	
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>105</b>	<b>98</b>	<b>98</b>	<b>0</b>

  

<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)		<b>100</b>	<b>73</b>	<b>73</b>	<b>73</b>
Total Corridor Assessment (From Part VI above or a local site assessment)		<b>160</b>	<b>105</b>	<b>98</b>	<b>0</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>		<b>260</b>	<b>178</b>	<b>171</b>	<b>0</b>

  

1. Corridor Selected:		2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>	
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5. Reason For Selection:

Signature of Person Completing this Part:

DATE

**NOTE: Complete a form for each segment with more than one Alternate Corridor**

**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>	4. Sheet 1 of <b>1/2</b>
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>	
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Kings, California</b>	
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/8/12</b>	2. Person Completing Form <b>William Reed</b>
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size <b>623,700</b>   <b>681</b>	
5. Major Crop(s) <b>Cotton, Alfalfa, Wheat, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>629,000</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>N/A</b> %
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/17/12</b>

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly	<b>923</b>	<b>956</b>	<b>956</b>	<b>895</b>
B. Total Acres To Be Converted Indirectly, Or To Receive Services	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
C. Total Acres In Corridor	<b>923</b>	<b>956</b>	<b>956</b>	<b>895</b>

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	<b>261</b>	<b>266</b>	<b>238</b>	<b>379</b>
B. Total Acres Statewide And Local Important Farmland	<b>492</b>	<b>482</b>	<b>640</b>	<b>289</b>
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>				
	<b>57</b>	<b>57</b>	<b>57</b>	<b>66</b>

<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>	Maximum Points				
1. Area in Nonurban Use	<b>15</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>13</b>
2. Perimeter in Nonurban Use	<b>10</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>8</b>
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>17</b>
4. Protection Provided By State And Local Government	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>13</b>
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
8. On-Farm Investments	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>115</b>	<b>117</b>	<b>119</b>	<b>111</b>

<b>PART VII (To be completed by Federal Agency)</b>				
Relative Value Of Farmland (From Part V)	<b>100</b>	<b>57</b>	<b>57</b>	<b>66</b>
Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	<b>115</b>	<b>117</b>	<b>111</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>172</b>	<b>174</b>	<b>177</b>

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part: \_\_\_\_\_ DATE \_\_\_\_\_

**NOTE: Complete a form for each segment with more than one Alternate Corridor**

FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>	4. Sheet 1 of <b>2/2</b>		
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>			
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Kings, California</b>			
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/8/12</b>	2. Person Completing Form <b>William Reed</b>		
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size <b>623,000</b>   <b>681</b>			
5. Major Crop(s) <b>Cotton, Alfalfa, Wheat, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>629,000</b> %		7. Amount of Farmland As Defined in FPPA Acres: %		
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/17/12</b>		
<b>PART III (To be completed by Federal Agency)</b>		<b>Alternative Corridor For Segment</b>			
		<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly		<b>897</b>	<b>898</b>	<b>0</b>	<b>0</b>
B. Total Acres To Be Converted Indirectly, Or To Receive Services		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
C. Total Acres In Corridor		<b>897</b>	<b>898</b>	<b>0</b>	<b>0</b>
<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>					
A. Total Acres Prime And Unique Farmland		<b>386</b>	<b>358</b>		
B. Total Acres Statewide And Local Important Farmland		<b>263</b>	<b>410</b>		
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		<b>0</b>	<b>0</b>		
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>		<b>66</b>	<b>55</b>		
<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>		<b>Maximum Points</b>			
1. Area in Nonurban Use	<b>15</b>	<b>14</b>	<b>14</b>		
2. Perimeter in Nonurban Use	<b>10</b>	<b>8</b>	<b>9</b>		
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>17</b>	<b>18</b>		
4. Protection Provided By State And Local Government	<b>20</b>	<b>20</b>	<b>20</b>		
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>	<b>10</b>		
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>18</b>	<b>19</b>		
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>	<b>5</b>		
8. On-Farm Investments	<b>20</b>	<b>20</b>	<b>20</b>		
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>	<b>3</b>		
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>	<b>2</b>		
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>		<b>160</b>	<b>117</b>	<b>120</b>	<b>0</b>
<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)		<b>100</b>	<b>66</b>	<b>55</b>	
Total Corridor Assessment (From Part VI above or a local site assessment)		<b>160</b>	<b>117</b>	<b>120</b>	<b>0</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>		<b>260</b>	<b>183</b>	<b>175</b>	<b>0</b>
1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>		

5. Reason For Selection:

Signature of Person Completing this Part:

DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>		4. Sheet 1 of <b>1/2</b>	
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>			
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Tulare, California</b>			
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/8/12</b>		2. Person Completing Form <b>William Reed</b>	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated <b>550,342</b>		Average Farm Size <b>232</b>	
5. Major Crop(s) <b>Corn, Dairy, Alfalfa, Citrus</b>	6. Farmable Land in Government Jurisdiction Acres: <b>638,789</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>867,965</b> %		
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>		
<b>PART III (To be completed by Federal Agency)</b>		<b>Alternative Corridor For Segment</b>			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		<b>711</b>	<b>589</b>	<b>603</b>	<b>656</b>
B. Total Acres To Be Converted Indirectly, Or To Receive Services		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
C. Total Acres In Corridor		<b>711</b>	<b>589</b>	<b>603</b>	<b>656</b>
<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>					
A. Total Acres Prime And Unique Farmland		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
B. Total Acres Statewide And Local Important Farmland		<b>704</b>	<b>584</b>	<b>597</b>	<b>644</b>
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>		<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>		Maximum Points			
1. Area in Nonurban Use	15	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>
2. Perimeter in Nonurban Use	10	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
3. Percent Of Corridor Being Farmed	20	<b>14</b>	<b>13</b>	<b>14</b>	<b>15</b>
4. Protection Provided By State And Local Government	20	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
5. Size of Present Farm Unit Compared To Average	10	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
6. Creation Of Nonfarmable Farmland	25	<b>21</b>	<b>23</b>	<b>19</b>	<b>24</b>
7. Availability Of Farm Support Services	5	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
8. On-Farm Investments	20	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
9. Effects Of Conversion On Farm Support Services	25	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
10. Compatibility With Existing Agricultural Use	10	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
TOTAL CORRIDOR ASSESSMENT POINTS	<b>160</b>	<b>117</b>	<b>118</b>	<b>115</b>	<b>121</b>
<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)	<b>100</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	<b>117</b>	<b>118</b>	<b>115</b>	<b>121</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>156</b>	<b>157</b>	<b>154</b>	<b>160</b>
1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>		
5. Reason For Selection:					

Signature of Person Completing this Part:

DATE

**NOTE: Complete a form for each segment with more than one Alternate Corridor**



**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>	4. Sheet 1 of <b>2/2</b>	
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>		
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Tulare, California</b>		
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/8/12</b>	2. Person Completing Form <b>William Reed</b>	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size <b>550,342</b>   <b>232</b>		
5. Major Crop(s) <b>Corn, Daily, Alfalfa, Citrus</b>	6. Farmable Land in Government Jurisdiction Acres: <b>638,789</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>867,965</b> %	
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>	

  

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly	<b>534</b>	<b>549</b>	<b>0</b>	<b>0</b>
B. Total Acres To Be Converted Indirectly, Or To Receive Services	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
C. Total Acres In Corridor	<b>534</b>	<b>549</b>	<b>0</b>	<b>0</b>

  

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	<b>0</b>	<b>0</b>		
B. Total Acres Statewide And Local Important Farmland	<b>524</b>	<b>537</b>		
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<b>0</b>	<b>0</b>		
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

  

<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>				
	<b>39</b>	<b>39</b>		

  

<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>		Maximum Points			
1. Area in Nonurban Use	<b>15</b>	<b>14</b>	<b>14</b>		
2. Perimeter in Nonurban Use	<b>10</b>	<b>8</b>	<b>8</b>		
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>14</b>	<b>14</b>		
4. Protection Provided By State And Local Government	<b>20</b>	<b>20</b>	<b>20</b>		
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>	<b>10</b>		
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>25</b>	<b>24</b>		
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>	<b>5</b>		
8. On-Farm Investments	<b>20</b>	<b>20</b>	<b>20</b>		
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>	<b>3</b>		
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>	<b>2</b>		
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>121</b>	<b>120</b>	<b>0</b>	<b>0</b>

  

<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)	<b>100</b>	<b>39</b>	<b>39</b>		
Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	<b>121</b>	<b>120</b>	<b>0</b>	<b>0</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>160</b>	<b>159</b>	<b>0</b>	<b>0</b>

  

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part:

DATE

**NOTE: Complete a form for each segment with more than one Alternate Corridor**

**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>	4. Sheet 1 of <b>1/3</b>
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>	
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Kern, California</b>	
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/8/12</b>	2. Person Completing Form <b>William Reed</b>
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size <b>912,584</b>   <b>1,428</b>	
5. Major Crop(s) <b>Cotton, Grapes, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>1,054,228</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>703,387</b> %
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly	<b>1,368</b>	<b>1,305</b>	<b>1,298</b>	<b>1,216</b>
B. Total Acres To Be Converted Indirectly, Or To Receive Services	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
C. Total Acres In Corridor	<b>1,368</b>	<b>1,305</b>	<b>1,298</b>	<b>1,216</b>

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	<b>1,142</b>	<b>1,157</b>	<b>1,154</b>	<b>985</b>
B. Total Acres Statewide And Local Important Farmland	<b>90</b>	<b>89</b>	<b>89</b>	<b>89</b>
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>
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<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>	<b>Maximum Points</b>				
1. Area in Nonurban Use	<b>15</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>12</b>
2. Perimeter in Nonurban Use	<b>10</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>7</b>
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>14</b>	<b>15</b>	<b>15</b>	<b>15</b>
4. Protection Provided By State And Local Government	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>24</b>
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
8. On-Farm Investments	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>114</b>	<b>115</b>	<b>116</b>	<b>118</b>

<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)	<b>100</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>
Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	<b>114</b>	<b>115</b>	<b>116</b>	<b>118</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>178</b>	<b>179</b>	<b>180</b>	<b>182</b>

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part:	DATE
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**NOTE: Complete a form for each segment with more than one Alternate Corridor**

**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>	4. Sheet 1 of <b>2/3</b>
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>	
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Kern, California</b>	
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/8/12</b>	2. Person Completing Form <b>William Reed</b>
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size <b>912,584</b>   <b>1,428</b>	
5. Major Crop(s) <b>Cotton, Grapes, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>1,054,228</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>703,387</b> %
8. Name Of Land Evaluation System Used <b>CA Stoire Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly	<b>1,152</b>	<b>1,146</b>	<b>1,324</b>	<b>1,261</b>
B. Total Acres To Be Converted Indirectly, Or To Receive Services	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
C. Total Acres In Corridor	<b>1,152</b>	<b>1,146</b>	<b>1,324</b>	<b>1,261</b>

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	<b>1,106</b>	<b>901</b>	<b>1,067</b>	<b>1,040</b>
B. Total Acres Statewide And Local Important Farmland	<b>89</b>	<b>89</b>	<b>115</b>	<b>115</b>
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>				
	<b>64</b>	<b>64</b>	<b>58</b>	<b>58</b>

<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>	<b>Maximum Points</b>				
1. Area in Nonurban Use	<b>15</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>12</b>
2. Perimeter in Nonurban Use	<b>10</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>16</b>	<b>16</b>	<b>14</b>	<b>15</b>
4. Protection Provided By State And Local Government	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>24</b>	<b>24</b>	<b>18</b>	<b>18</b>
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
8. On-Farm Investments	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>120</b>	<b>119</b>	<b>110</b>	<b>112</b>

<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)	<b>100</b>	<b>64</b>	<b>64</b>	<b>58</b>	<b>58</b>
Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	<b>120</b>	<b>119</b>	<b>110</b>	<b>112</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>184</b>	<b>183</b>	<b>168</b>	<b>170</b>

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part:	DATE
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**NOTE: Complete a form for each segment with more than one Alternate Corridor**

**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>	4. Sheet 1 of <b>3/3</b>
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>	
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Kern, California</b>	
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/8/12</b>	2. Person Completing Form <b>William Reed</b>
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size <b>912,584</b>   <b>1,428</b>	
5. Major Crop(s) <b>Cotton, Grapes, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>1,054,228</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>703,387</b> %
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly	<b>1,254</b>	<b>1,172</b>	<b>1,109</b>	<b>1,102</b>
B. Total Acres To Be Converted Indirectly, Or To Receive Services	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
C. Total Acres In Corridor	<b>1,254</b>	<b>1,172</b>	<b>1,109</b>	<b>1,102</b>

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	<b>1,037</b>	<b>913</b>	<b>933</b>	<b>883</b>
B. Total Acres Statewide And Local Important Farmland	<b>115</b>	<b>115</b>	<b>120</b>	<b>115</b>
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>
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<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>	<b>Maximum Points</b>				
1. Area in Nonurban Use	<b>15</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>12</b>
2. Perimeter in Nonurban Use	<b>10</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>15</b>
4. Protection Provided By State And Local Government	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>18</b>	<b>20</b>	<b>20</b>	<b>20</b>
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
8. On-Farm Investments	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>110</b>	<b>114</b>	<b>115</b>	<b>114</b>

<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)	<b>100</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>
Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	<b>110</b>	<b>114</b>	<b>115</b>	<b>114</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>168</b>	<b>172</b>	<b>173</b>	<b>172</b>

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part:	DATE
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**NOTE: Complete a form for each segment with more than one Alternate Corridor**

**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>		4. Sheet 1 of <b>1</b>	
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>			
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Fresno, California</b>			
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/1/12</b>		2. Person Completing Form <b>William Reed</b>	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated <b>1,153,812</b>		Average Farm Size <b>285</b>	
5. Major Crop(s) <b>Grapes, Tomatoes, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>1,250,984</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>597,055</b> %		
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>		
<b>PART III (To be completed by Federal Agency)</b>		<b>Alternative Corridor For Segment</b>			
		<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly		<b>586</b>			
B. Total Acres To Be Converted Indirectly, Or To Receive Services					
C. Total Acres In Corridor		<b>586</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>					
A. Total Acres Prime And Unique Farmland		<b>569</b>			
B. Total Acres Statewide And Local Important Farmland		<b>0</b>			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		<b>0</b>			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>		<b>85</b>			
<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>		<b>Maximum Points</b>			
1. Area in Nonurban Use	<b>15</b>	<b>12</b>			
2. Perimeter in Nonurban Use	<b>10</b>	<b>8</b>			
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>15</b>			
4. Protection Provided By State And Local Government	<b>20</b>	<b>0</b>			
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>			
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>0</b>			
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>			
8. On-Farm Investments	<b>20</b>	<b>20</b>			
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>			
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>			
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)	<b>100</b>	<b>85</b>			
Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>
1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>		
5. Reason For Selection:					

Signature of Person Completing this Part:

DATE

**NOTE: Complete a form for each segment with more than one Alternate Corridor**

**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>	4. Sheet 1 of <b>1</b>
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>	
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Kings, California</b>	
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/17/12</b>	2. Person Completing Form <b>William Reed</b>
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size <b>623,700</b>   <b>681</b>	
5. Major Crop(s) <b>Cotton Alfalfa, Wheat, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>629,000</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>N/A</b> %
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly	<b>512</b>			
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	<b>512</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	<b>80</b>			
B. Total Acres Statewide And Local Important Farmland	<b>310</b>			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<b>0</b>			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>	<b>72</b>			
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<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>	<b>Maximum Points</b>				
1. Area in Nonurban Use	<b>15</b>	<b>14</b>			
2. Perimeter in Nonurban Use	<b>10</b>	<b>6</b>			
3. Percent Of Corridor Being Farmed	<b>20</b>	<b>19</b>			
4. Protection Provided By State And Local Government	<b>20</b>	<b>20</b>			
5. Size of Present Farm Unit Compared To Average	<b>10</b>	<b>10</b>			
6. Creation Of Nonfarmable Farmland	<b>25</b>	<b>0</b>			
7. Availability Of Farm Support Services	<b>5</b>	<b>5</b>			
8. On-Farm Investments	<b>20</b>	<b>20</b>			
9. Effects Of Conversion On Farm Support Services	<b>25</b>	<b>3</b>			
10. Compatibility With Existing Agricultural Use	<b>10</b>	<b>2</b>			
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)	<b>100</b>	<b>72</b>			
Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>171</b>	<b>0</b>	<b>0</b>	<b>0</b>

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part: \_\_\_\_\_ DATE \_\_\_\_\_

**NOTE: Complete a form for each segment with more than one Alternate Corridor**



**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>		3. Date of Land Evaluation Request <b>5/1/12</b>	4. Sheet 1 of <b>1</b>	
1. Name of Project <b>Fresno to Bakersfield High Speed Train</b>		5. Federal Agency Involved <b>Federal Railroad Administration</b>		
2. Type of Project <b>High Speed Train</b>		6. County and State <b>Kern, California</b>		
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS <b>5/17/12</b>	2. Person Completing Form <b>William Reed</b>	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size <b>912,584</b>   <b>1,428</b>		
5. Major Crop(s) <b>Cotton, Grapes, Almonds</b>	6. Farmable Land in Government Jurisdiction Acres: <b>1,054, 228</b> %		7. Amount of Farmland As Defined in FPPA Acres: <b>703, 387</b> %	
8. Name Of Land Evaluation System Used <b>CA Storie Index</b>	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS <b>5/18/12</b>	

  

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	<b>Corridor A</b>	<b>Corridor B</b>	<b>Corridor C</b>	<b>Corridor D</b>
A. Total Acres To Be Converted Directly	<b>495</b>	<b>416</b>	<b>476</b>	
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	<b>495</b>	<b>416</b>	<b>476</b>	<b>0</b>

  

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	<b>495</b>	<b>416</b>	<b>476</b>	
B. Total Acres Statewide And Local Important Farmland	<b>0</b>	<b>0</b>	<b>0</b>	
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<b>0</b>	<b>0</b>	<b>0</b>	
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

  

<b>PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)</b>				
	<b>85</b>	<b>95</b>	<b>85</b>	

  

<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>	Maximum Points				
1. Area in Nonurban Use	15	15	15	14	
2. Perimeter in Nonurban Use	10	10	10	10	
3. Percent Of Corridor Being Farmed	20	19	19	19	
4. Protection Provided By State And Local Government	20	0	0	0	
5. Size of Present Farm Unit Compared To Average	10	10	10	10	
6. Creation Of Nonfarmable Farmland	25	0	0	0	
7. Availability Of Farm Support Services	5	5	5	5	
8. On-Farm Investments	20	20	20	20	
9. Effects Of Conversion On Farm Support Services	25	3	3	3	
10. Compatibility With Existing Agricultural Use	10	2	2	2	
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>84</b>	<b>84</b>	<b>83</b>	<b>0</b>

  

<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)	100	85	95	85	
Total Corridor Assessment (From Part VI above or a local site assessment)	160	84	84	83	0
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>169</b>	<b>179</b>	<b>168</b>	<b>0</b>

  

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part:

DATE

**NOTE: Complete a form for each segment with more than one Alternate Corridor**

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## CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

- (1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?

More than 90 percent - 15 points  
90 to 20 percent - 14 to 1 point(s)  
Less than 20 percent - 0 points

- (2) How much of the perimeter of the site borders on land in nonurban use?

More than 90 percent - 10 points  
90 to 20 percent - 9 to 1 point(s)  
Less than 20 percent - 0 points

- (3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?

More than 90 percent - 20 points  
90 to 20 percent - 19 to 1 point(s)  
Less than 20 percent - 0 points

- (4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?

Site is protected - 20 points  
Site is not protected - 0 points

- (5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?

(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with \$1,000 or more in sales.)  
As large or larger - 10 points  
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

- (6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?

Acreage equal to more than 25 percent of acres directly converted by the project - 25 points  
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)  
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

- (7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?

All required services are available - 5 points  
Some required services are available - 4 to 1 point(s)  
No required services are available - 0 points

- (8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?

High amount of on-farm investment - 20 points  
Moderate amount of on-farm investment - 19 to 1 point(s)  
No on-farm investment - 0 points

- (9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?

Substantial reduction in demand for support services if the site is converted - 25 points  
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)  
No significant reduction in demand for support services if the site is converted - 0 points

- (10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?

Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points  
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)  
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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